



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

UMTRI - 96 - 8
VERSION 05

UM-3743-98

1998 Ford Ranger

**In-depth
Vehicle
Occupant
Report**

The University
of Michigan
Transportation
Research Institute

UMIVOR-UMIVOR-UMIVOR



DISCLAIMERS

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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points are coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics in order to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicle(s) or their safety systems.

UM-3743-98

Case Veh. (A): 1998 Ford
Type: Ranger XLT, 4x2 pickup
Driver: 20-year-old female
CDC: 10-LFEW-3

Vehicle (B): 1988 Dodge
Type: Ram 350 pickup
Driver: 34-year-old male
CDC: 99-0000-0

Situation

(Slide 1, 2) The weather was clear, the roads were dry, and it was daylight. Case vehicle (A) was stopped facing east in a private drive at its intersection with the southbound lanes of a 5-lane roadway, and the driver was waiting to make a left turn onto the roadway. Vehicle (B) was traveling south in the left southbound lane of the five-lane road at an unknown speed. Vehicle (X) was traveling southbound in the right southbound lane and had stopped to allow case vehicle (A) to exit. As vehicle (B) proceeded through the intersection, the driver of case vehicle (A) pulled out to make a left turn, so as to travel north. The driver of vehicle (B) was unable to avoid striking the front left side of case vehicle (A) with its right front.

(Slide 3, 4, 5, 6, 7) Using the WinSmash accident-reconstruction program and c-values measured for case vehicle (A), the following equivalent barrier speed was calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	31 (19)	-16 (-10)	27 (17)

Exterior Damage

(Slide 8) Damage to the front left side of case vehicle (A) was moderate with a maximum crush of 53 cm to the left-front fender. The direct damage began at the left-front bumper corner and extended rearward 99 cm along the left side of the fender. (Slide 9, 10) The left-front fender was deformed, the left-front wheel was damaged, and the left

wheelbase was reduced 10 cm. The driver's door was deformed, and jammed closed. (Slide 11) The hood was damaged, both hood hinges were deformed, and the rear edge of the hood was elevated. The lower-left portion of the windshield was cracked, probably due to deformation of the cowl area. (Slide 12) In the front, the front bumper was crushed, the left headlight assembly was broken, and the grille was deformed. (Slide 13, 14) On the right side, the front fender was deformed and shifted to the right. There was no other damage to the right side and no change in the right wheelbase.

Interior Damage

(Slide 15, 16) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags which deployed during the left-side impact. There was no damage to the airbag skins, and no occupant contact marks were found. (Slide 17, 18) There was no damage to the steering wheel and no rotation of the steering column. (Slide 19, 20, 21, 22) There was no damage to the upper, mid, or lower portions of the instrument panel, or glove compartment. (Slide 23) There was a scuff mark on the center vertical console, located on the right-front occupant area, from occupant knee contact. There was no other interior damage and no intrusions were noted.

Occupant Kinematics and Injuries

(Slide 24) The 20-year-old female driver was wearing the 3-point belt and the airbag deployed. She reportedly had the seat in the full-rear track position, and her hands at the 11:00 and 1:00 positions on the steering wheel, but did not know where the tilt steering wheel adjustment was set. The shoulder-belt anchor point was adjusted to the upper position on the B-pillar. During the impact, she moved to the left and forward relative to the vehicle interior. She sustained a sprain and contusion to her left shoulder, from the shoulder portion of the 3-point belt or the door interior. She sustained an abrasion to her left posterior shoulder from an unknown source. She sustained a contusion to her

right breast from the shoulder portion of the 3-point belt. She sustained contusions below her left and right knees from contact with the knee bolster.

(Slide 25, 26) The 21-year-old female right-front passenger was wearing the 3-point belt, as evidenced by marks on the shoulder-belt webbing from the D-ring, and marks on the D-ring from the shoulder-belt webbing. Also, the airbag deployed. (Slide 27) She reportedly had the seat in the full-rear track position, and the shoulder-belt anchor point adjusted to the upper position on the B-pillar. During the impact, she moved to the left and forward relative to the vehicle interior. She sustained a contusion to the left lateral area of her chest, from the shoulder portion of the 3-point belt. (Slide 28) She sustained a contusion to her left lateral abdomen, and a contusion to her left kidney, probably from the lap portion of the 3-point belt, or the center armrest. (Slide 29) She sustained an abrasion to her left knee, from contact with the vertical console, as evidenced by scuff marks to the console. She sustained an abrasion to her right ankle, possibly from contact with the area beneath the instrument panel.

(Slide 30, 31) The attached tables summarize the injury information for the two occupants.

Occupant: Driver
 Restraints: 3-point belt worn; airbag deployed

Age: 20 years
 Stature: 175 cm (5 ft 9 in)

Sex: Female
 Mass: 56 kg (123 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Sprain, left shoulder	1		Shoulder portion of 3-point belt, door interior	
Abrasion, left posterior shoulder	1		Unknown	
Contusion, left shoulder	1		Shoulder portion of 3-point belt, door interior	
Contusion, right breast	1	Shoulder portion of 3-point belt		
Contusion, below left knee	1	Knee bolster		
Contusion, below right knee	1	Knee bolster		
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>2</u>			

Occupant: Right front
 Restraints: 3-point belt worn; airbag deployed

Age: 21 years
 Stature: 173 cm (5 ft 8 in)

Sex: Female
 Mass: 58 kg (127 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, left lateral chest	1		Shoulder portion of 3-point belt	
Contusion, left lateral abdomen	1		Lap portion of 3-point belt, center armrest	
Contusion, left kidney	2		Shoulder portion of 3-point belt, center armrest	
Abrasion, left knee	1	Vertical console		
Abrasion, right ankle	1			Beneath instrument panel
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>5</u>			

TEAM CODE	<u>30</u>	NO. OF CASE VEHICLES IN ACCIDENT	<u>1</u> 15
ACCIDENT ID	<u>03743</u> 3 7	NUMBER OF SLIDES	<u>31</u> 16
VEHICLE NUMBER	<u>1</u> 8	TEAM REPORT NUMBER	
MODULE	<u>A</u> <u>D</u> 9		
FORMAT	<u>0</u> <u>1</u> 11	<u>UM-3743-98</u> 18 27	
FORM VERSION	<u>0</u> <u>5</u> 13		

SPECIAL STUDY
 (00) None
 (01) Offset Frontal
 (98) Not Applicable

99
38 39

DATE OF FIELD INVESTIGATION: [REDACTED] / 98

INVESTIGATOR: [REDACTED]

LOCATION WHERE VEHICLE WAS EVALUATED:
 [REDACTED] MICHIGAN

CIRCLE PHOTO RECORDS MADE:

SLIDES

NEGATIVES

POLAROIDS

REPORT PREPARED BY: [REDACTED] SCIENCE

Duplicate columns 1-8 from the previous card.

Module G 1 Format 0 1
 9 10 11 12

GENERAL INFORMATION GI-1

<p>TIME</p> <p>DATE OF COLLISION <u>1</u> / <u>1</u> / <u>1</u> <small>m m d d y y</small></p> <p>HOUR OF COLLISION <u>19</u> : <u>00</u> : <u>22</u> <small>(24 HOUR CLOCK)</small></p> <hr/> <p>LOCATION</p> <p>STATE: <u>MICHIGAN</u></p> <p>STATE FIPS CODE <u>26</u> <small>23 24</small></p> <p>AREA <u>1</u> <small>25</small></p> <p>(1) URBAN (2) RURAL (9) UNKNOWN</p> <hr/> <p>ENVIRONMENTAL CONDITIONS</p> <p>LIMITED-ACCESS HIGHWAY <u>0</u> <small>26</small></p> <p>(0) NO (1) YES (9) UNKNOWN</p> <p>ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE) <u>6</u> <small>27</small></p> <p>(1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVEWAY (7) OTHER: _____ (9) UNKNOWN</p> <p>INTERSECTING RD, TOTAL LANES <u>4</u> <small>28</small></p> <p>CHOOSE FROM ABOVE LIST, OR (8) NOT APPLICABLE</p> <p>TYPE OF ROAD SURFACE <u>1</u> <small>29</small></p> <p>(1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN</p> <p>ROAD DEFECTS <u>0</u> <small>30</small></p> <p>(0) NO (1) YES (9) UNKNOWN</p>	<p>ENVIRONMENTAL CONDITIONS</p> <p>CONSTRUCTION ZONE</p> <p>(0) NO (1) YES (9) UNKNOWN <u>0</u> <small>31</small></p> <p>ROAD ALIGNMENT VERTICAL PLANE</p> <p>(1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN <u>1</u> <small>32</small></p> <p>ROAD ALIGNMENT HORIZONTAL PLANE</p> <p>(1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN <u>3</u> <small>33</small></p> <p>SURFACE COVERING</p> <p>(10) DRY <u>0</u> <small>34 35</small></p> <p>(21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN</p> <p>(31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN</p> <p>(41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN</p> <p>VISIBILITY LIMITATION (FOR CASE VEHICLE)</p> <p>(0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN <u>0</u> <small>36</small></p> <p>VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)</p> <p>(0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN <u>0</u> <small>37</small></p>
--	---

ENVIRONMENTAL CONDITIONS

SPEED LIMIT

- (0) 5-45 km/h 5-25 mph
- (1) 46-55 30
- (2) 56-60 35
- (3) 61-70 40
- (4) 71-79 45 ✓
- (5) 80-85 50
- (6) 86-90 55
- (7) 91-105 60
- (8) OVER 105 65
- (9) UNKNOWN

4
38

PRECIPITATION

- (0) NONE
- (1) RAIN
- (2) SNOW
- (3) HAIL
- (4) FREEZING RAIN/SLEET
- (7) OTHER: _____
- (9) UNKNOWN

0
39

RATE OF PRECIPITATION

- (1) LIGHT/MIST
- (2) MODERATE
- (3) HEAVY
- (8) NOT APPLICABLE
- (9) UNKNOWN

8
40

TEMPERATURE

- (0) BELOW -15° C BELOW 5° F
- (1) -15 TO -6 5 TO 22
- (2) -5 TO -1 23 TO 31
- (3) 0 TO 2 32 TO 36
- (4) 3 TO 5 37 TO 41
- (5) 6 TO 15 42 TO 59
- (6) 16 TO 25 60 TO 77
- (7) 26 TO 35 78 TO 95
- (8) OVER 35 OVER 96
- (9) UNKNOWN

9
41

CROSSWIND

- (0) NONE
- (1) LIGHT
- (2) STRONG
- (3) GUSTY & STRONG
- (9) UNKNOWN

9
42

LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

1
43

MECHANICAL MALFUNCTION

WAS THERE MENTION
OF A MECHANICAL MALFUNCTION
IN CASE VEHICLE

- (0) NO
- (1) YES
- (2) YES, DID NOT CONTRIBUTE
TO ACCIDENT
- (9) UNKNOWN

0
44

THE FOLLOWING SECTION SHOULD BE FILLED
OUT IF A MECHANICAL MALFUNCTION IS
RECOGNIZED OR SUSPECTED.

CIRCLE ITEMS INVOLVED. SUPPORT ANY
ITEMS CIRCLED WITH COMMENTS.

- BRAKE SYSTEM DRIVER CONTROLS
- EXHAUST SYSTEM POWER TRAIN
- STEERING SYSTEM FUEL SYSTEM
- SUSPENSION SYSTEM VISIBILITY ITEMS
- ELECTRICAL SYSTEM TIRES
- THROTTLE CONTROLS UNKNOWN

OTHER: _____

COMMENTS: _____

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

0
45

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

0
46

**CASE VEHICLE RAN OFF ROADWAY
(BEFORE FIRST IMPACT)**

- (0) NO
- (1) YES
- (9) UNKNOWN

0
47

**MOVING CASE VEHICLE AND
CONTACTED MOVING VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

1
48

**CASE VEHICLE AND
CONTACTED STOPPED VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

0
49

**STOPPED CASE VEHICLE AND
CONTACTED VEHICLE**

- (0) NO
- (1) YES
- (9) UNKNOWN

0
50

**TOTAL NUMBER
OF VEHICLES CONTACTED
BY CASE VEHICLE IN CRASH**

- (8) 8 OR MORE
- (9) UNKNOWN

1
51

**ANY FIRE IN THIS CRASH
(NOT JUST CASE VEHICLE)**

- (0) NO
- (1) YES
- (9) UNKNOWN

0
52

**HIGHEST POLICE INJURY
SEVERITY CODE IN CRASH
(NOT JUST CASE VEHICLE)**

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (9) UNKNOWN

1
53

DRIVER IMPAIRMENT

**DRIVER ALCOHOL INVOLVEMENT
(CASE VEHICLE)**

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/
NO DRIVER

0
54

**DRIVER ALCOHOL BAC
(CASE VEHICLE)**

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

80
55 56

**WAS THERE MENTION OF DRIVER
IMPAIRMENT FOR CASE VEHICLE?**

- (0) NO
- (1) YES
- (9) UNKNOWN

0
57

LIST IMPAIRMENTS MENTIONED:

POST - CRASH DETAIL

**MANNER CASE VEHICLE
LEFT SCENE**

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

2
58

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS STOPPED
FACING EAST AND EXITING A PRIVATE DRIVE.

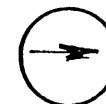
CASE VEHICLE (A): 1998 FORD RANGER

VEHICLE (Y) WAS SOUTHBOUND IN THE RIGHT LANE,

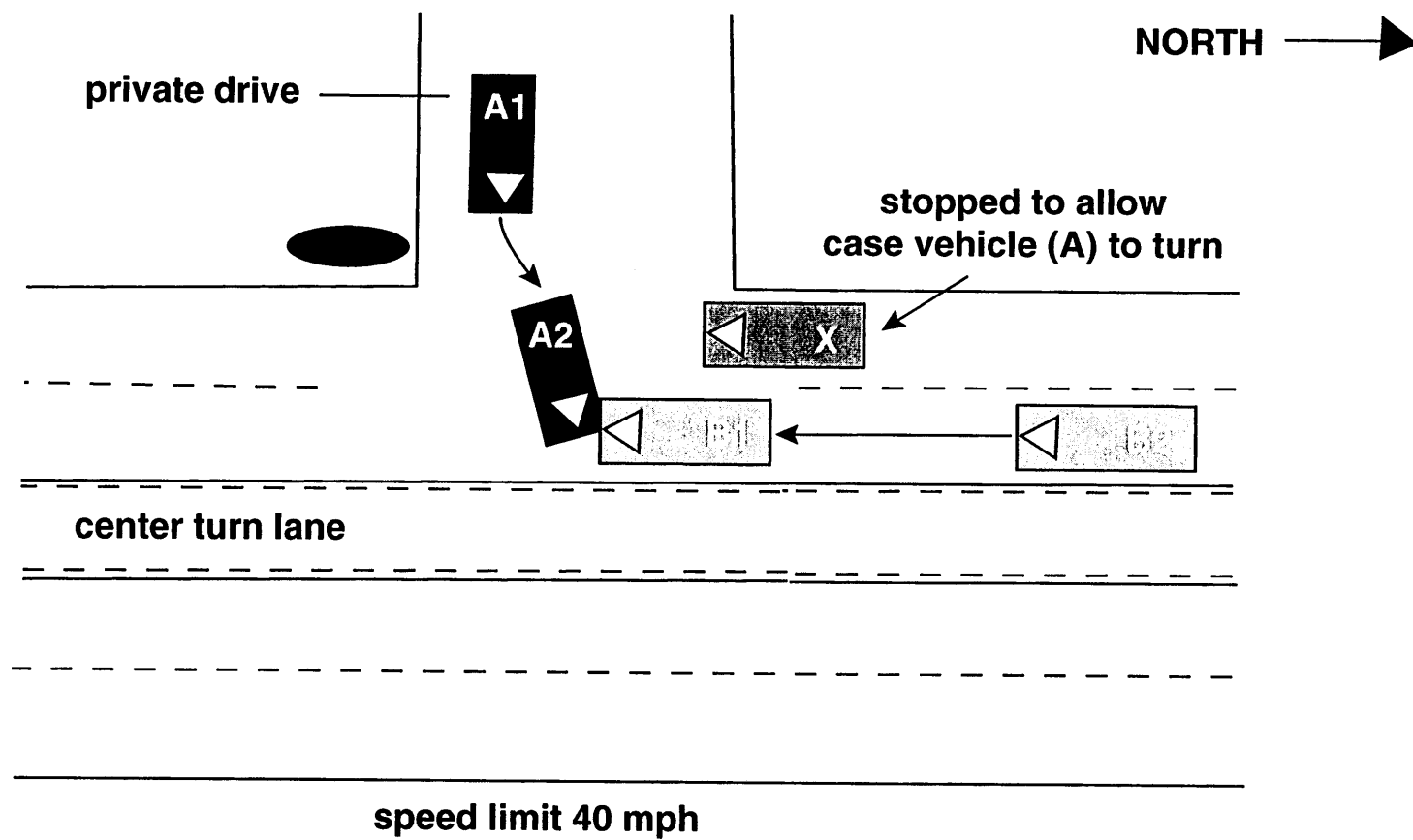
OTHER VEHICLE (B): 1988 DODGE RAM 350

THE DRIVER STOPPED TO ALLOW CASE VEHICLE (A) TO EXIT. VEHICLE (B)
WAS SOUTHBOUND IN THE LEFT LANE. AS CASE VEHICLE (A) ENTERED THE SOUTHBOUND
LANES, IT WAS STRUCK IN THE LEFT BY VEHICLE (B).

THIRD VEHICLE (C): _____



NORTH



G14

Duplicate columns 1-8 from the previous card.

Module 0 V Format 0 1
9 10 11 12

OTHER VEHICLE OV-1

MAKE: DODGE

CARGO: UNKNOWN

MODEL: RAM 350 1TON

VIN 1 B 7 K 2 3 Z 2 ~~XXXXXXXXXXXX~~

MANUFAC/BODY CODE 13212
30 34

MAKE/MODEL CODE 3236
38

MODEL YEAR 1988

VEHICLE MASS (kg) 001969
41 46

IF SEPARATE REPORT WAS MADE, GIVE VEHICLE NUMBER 0

NUMBER OF OCCUPANTS (ENTER 9'S IF UNKNOWN) 01
49

TRAVELING SPEED (km/h) 999
52

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY CODE FOR THIS VEHICLE

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY SEVERITY UNKNOWN
- (8) UNOCCUPIED VEHICLE (NOT APPLICABLE)
- (9) UNKNOWN

1
53

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP CAR
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

12
54 55

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107', E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107', E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm) (999) UNKNOWN

333
56 57 58

Duplicate columns 1-8 from the previous card.

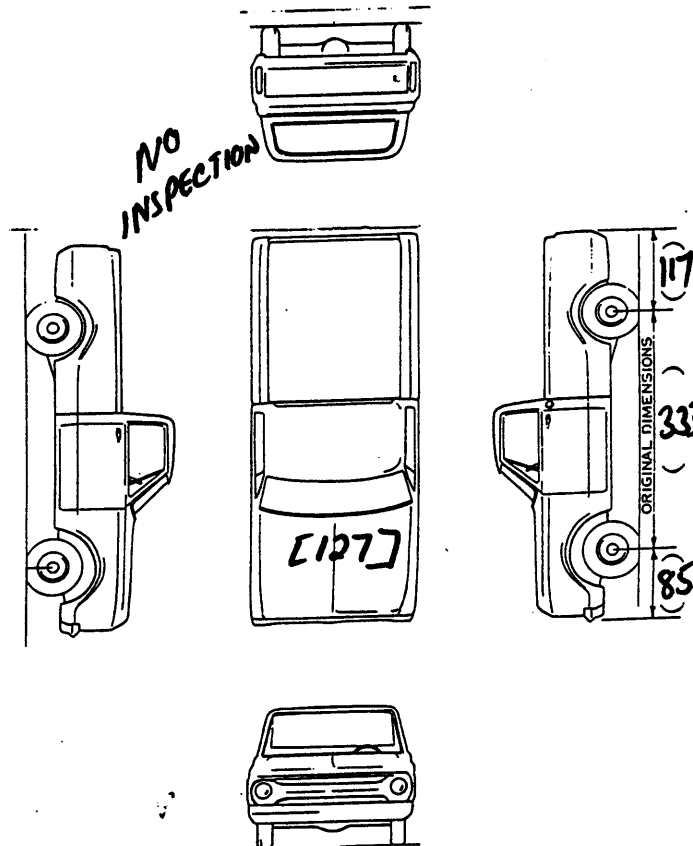
Module 0 V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	<u>333</u> cm	Front Overhang	<u>085</u> cm
Curb Weight	<u>1969</u> kg	Rear Overhang	<u>117</u> cm
Average Track Width	<u>999</u> cm	Undeformed End Width (UEW)	<u>999</u> cm
Overall Length	<u>535</u> cm	Engine Displacement	<u>5.2</u> L
Overall Width (OAW)	<u>202</u> cm	Engine: # of Cylinders	<u>08</u> <u>CPC</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
 Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 999 cm

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 99 %

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 99 %

Duplicate columns 1-8 from the previous card.

Module V D Format 0 1
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: FORD
MODEL: RANGER XLT 4x2 Pickup

CARGO: NONE

VIN 1 F T Y R 1 0 C 5 ~~XXXXXXXXXXXXXXXXXXXX~~

MANUFAC/BODY CODE 12112
30 34

MAKE/MODEL CODE 3121
38

MODEL YEAR 1998

VEHICLE MASS (kg) 001400
41 46

ODOMETER (km) 010523
(ENTER 9'S IF UNKNOWN) 47 52
(ENTER 8'S IF ELECTRONIC)

NUMBER OF OCCUPANTS 02
(ENTER 9'S IF UNKNOWN) 54

TRAVELING SPEED (km/h) 995
57

- (000) PARKED OR STOPPED
- (995) JUST STARTING UP
- (996) BACKING UP
- (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
- (998) SPEED EXCESSIVE (BUT UNKNOWN)
- (999) UNKNOWN

VEHICLE TYPE

- PASSENGER VEHICLE 32
58 59
- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
 - (12) 2-DOOR SEDAN OR COUPE (ANY UPPER B-PILLAR)
 - (13) 4-DOOR HARDTOP
 - (14) 4-DOOR SEDAN
 - (15) STATION WAGON
 - (16) CONVERTIBLE
 - (18) OTHER PASS. VEH. : _____
 - (19) PASSENGER VEHICLE, TYPE UNKNOWN

- MULTIPURPOSE PASSENGER VEHICLE
- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
 - (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
 - (23) VAN, SIZE UNKNOWN
 - (24) VAN, SMALL (MINI)
 - (25) VAN, LARGE
 - (29) MPV, TYPE UNKNOWN
 - (30) MOTOR HOME

- TRUCK
- (31) PICKUP TRUCK, UNKNOWN
 - (32) PICKUP TRUCK, SMALL (DOWNSIZED)
 - (33) PICKUP TRUCK, LARGE
 - (99) UNKNOWN

STOLEN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8
60

BODY STRUCTURE

- (1) BODY & FRAME
- (2) UNITIZED
- (3) INTEGRAL-STUB FRAME
- (4) BODY & PLATFORM FRAME (E.G. VW BUG)
- (5) PARTIALLY UNITIZED
- (7) OTHER: _____
- (9) UNKNOWN

1
61

TRANSMISSION

- (0) NONE
- (1) AUTOMATIC
- (2) MANUAL
- (9) UNKNOWN

1
62

LOCATION OF TRANSMISSION SELECTOR LEVER

- (1) FLOOR
- (2) CONSOLE
- (3) COLUMN
- (7) OTHER: _____
- (9) UNKNOWN

3
63

STEERING

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

1
64

BRAKES

- (1) POWER
- (2) MANUAL
- (9) UNKNOWN

1
65

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2
66

WHEELBASE (cm)
(999) Unknown

298
74 75 76

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

1
67

**PLASTIC ANTI-LACERATIVE
INNER LAYER GLASS EQUIPPED**

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0
77

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8
68

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

1
69

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0
70

**ORIGINAL TYPE
OF RESTRAINT SYSTEM**

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: _____
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3
71

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

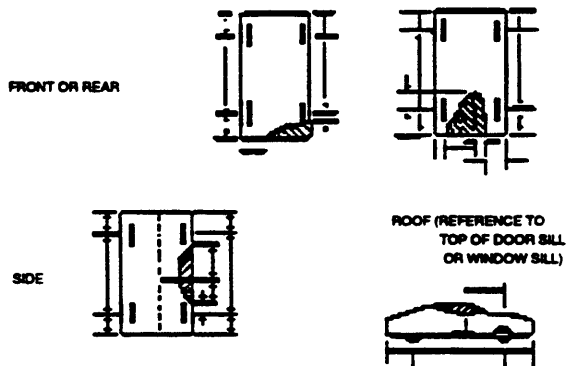
0
72

TYPE OF ROOF

- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: _____
- (9) UNKNOWN

1
73

EXAMPLES:



Duplicate columns 1-8 from the previous card.

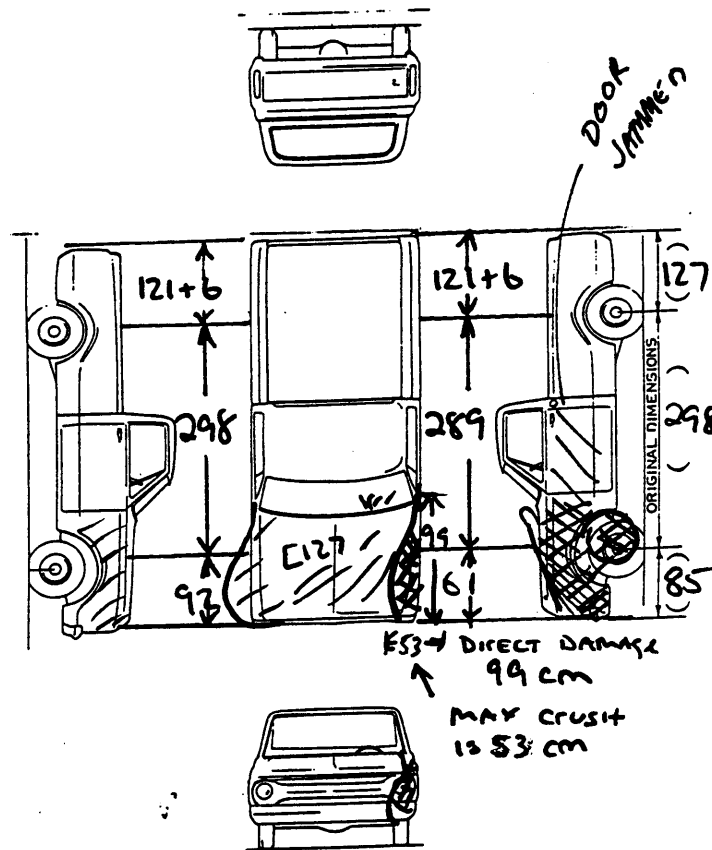
Module V D Format 0 2
9 10 11 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase	<u>298</u> cm	Front Overhang	<u>085</u> cm
Curb Weight	<u>1400</u> kg	Rear Overhang	<u>127</u> cm
Average Track Width	<u>147</u> cm	Undeformed End Width (UEW)	<u>160</u> cm
Overall Length	<u>510</u> cm	Engine Displacement	<u>2.5</u> L
Overall Width (OAW)	<u>176</u> cm	Engine: # of Cylinders	<u>04</u>

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
 Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 999 cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 99 %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 99 %
40 41

Duplicate columns 1-8 from the previous card.

Module D A Format 0 2
 9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
	EVENT NUMBER IMPACT SPEED (km/h) ESTIMATED BY CRUSH (cm) CDC #1 CDC #2	1 13 999 14 15 16 1 17 053 18 19 20 10.LFEW.3 21 27 98.0000.0 28 34

Duplicate columns 1-8 from the previous card.

Module D A Format 0 3
 9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
	EVENT NUMBER IMPACT SPEED (km/h) ESTIMATED BY CRUSH (cm) CDC #1 CDC #2	13 14 15 16 17 18 19 20 21 27 28 34

CODES

EVENT NUMBER

(8) NOT APPLICABLE
 (9) UNKNOWN

IMPACT SPEED

(998) NOT APPLICABLE
 (999) UNKNOWN

IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR
 (2) DRIVER
 (3) POLICE
 (4) "CRASH" PROGRAM
 (5) OTHER COMPUTER PROGRAM
 SPECIFY: _____
 (7) OTHER: _____
 (8) NOT APPLICABLE
 (NO VEHICLE/NO IMPACT)

CRUSH

(998) NOT APPLICABLE
 (NO VEHICLE/DAMAGE)
 (999) UNKNOWN

CDC

(9800000) NOT APPLICABLE
 (9900000) UNKNOWN

Duplicate columns 1-8 from the previous card.

Module D A Format 0 1
 9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 000
 13 15

RIGHT SIDE 000
 16 18

REAR 000
 19 21

LEFT SIDE 053
 22 24

ROOF 000
 25 27

OTHER 000
 28 30

CHRONOLOGICAL SEQUENCE
 OF DAMAGE/INJURY PRODUCING CRASH EVENTS
 FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER IS UNKNOWN, EVENT ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE TO BE IN CHRONOLOGICAL ORDER? 1
 31

(0) NO
 (1) YES

EVENT NUMBER	IMPACT LOCATION	IMPACT CONFIGURATION	OBJECT/VEHICLE CONTACTED
# 1	(1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN <u>1</u> 32	FOR CODES, SEE TABLE ON PAGE DA-3. <u>22</u> 34	FOR CODES, SEE TABLE ON PAGE DA-4. <u>12</u> 36
# 2	<u> </u> 37	<u> </u> 39	<u> </u> 41
# 3	<u> </u> 42	<u> </u> 44	<u> </u> 46
# 4	<u> </u> 47	<u> </u> 49	<u> </u> 51
# 5	<u> </u> 52	<u> </u> 54	<u> </u> 56
# 6	<u> </u> 57	<u> </u> 59	<u> </u> 61
# 7	<u> </u> 62	<u> </u> 64	<u> </u> 66

**CODES FOR
IMPACT CONFIGURATION**

FRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (*TYPE T*)
- (22) AND FRONT OF CONTACTED VEHICLE (*TYPE L*)
- (23) AND SIDE OF CONTACTED VEHICLE (*NOT SIDESWIPE*)
- (24) AND REAR OF CONTACTED VEHICLE (*TYPE T*)
- (25) AND REAR OF CONTACTED VEHICLE (*TYPE L*)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (*TYPE T*)
- (42) AND FRONT OF CONTACTED VEHICLE (*TYPE L*)
- (43) AND SIDE OF CONTACTED VEHICLE (*NOT SIDESWIPE*)
- (44) AND REAR OF CONTACTED VEHICLE (*TYPE T*)
- (45) AND REAR OF CONTACTED VEHICLE (*TYPE L*)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE	WHEELBASE
SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE..
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8 from the previous card.

Module C R Format 0 1
 9 10 11 12

CRASH RECONSTRUCTION CR-1
 for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u> </u> 47	
ΔV (km/h) TOTAL	<u>9</u> — 14 15 16	<u>9</u> — 32 33 34	<u> </u> 48 49 50	<u> </u> 66 67 68
LONGITUDINAL*	<u>9</u> — 17 ——— 20	<u>9</u> — 35 ——— 38	——— 51 ——— 54	——— 69 ——— 72
LATERAL*	<u>9</u> — 21 ——— 24	<u>9</u> — 39 ——— 42	——— 55 ——— 58	——— 73 ——— 76
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = ±010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>9</u> — 25 ——— 28	<u>9</u> — 43 ——— 46	——— 59 ——— 62	——— 77 ——— 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>12</u> 29 30		<u> </u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>5</u> 31		<u> </u> 65	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: _____				

Duplicate columns 1-8 from the previous card.

Module C R Format 0 2
 9 10 11 12

CRASH RECONSTRUCTION CR-2
 for EBS

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>47</u>	
EBS (km/h) TOTAL	<u>031</u> 14 15 16	<u>8</u> 32 33 34	<u> </u> 48 49 50	<u> </u> 66 67 68
LONGITUDINAL*	<u>-016</u> 17 20	<u>8</u> 35 38	<u> </u> 51 54	<u> </u> 69 72
LATERAL*	<u>+027</u> 21 24	<u>8</u> 39 42	<u> </u> 55 58	<u> </u> 73 76
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = ±010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0081</u> 25 28	<u>8</u> 43 46	<u> </u> 59 62	<u> </u> 77 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u> </u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>2</u> 31		<u> </u> 65	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WLS(M)</u>				

Duplicate columns 1-8 from the previous card.

Module C R Format 0 3
 9 10 11 12

CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

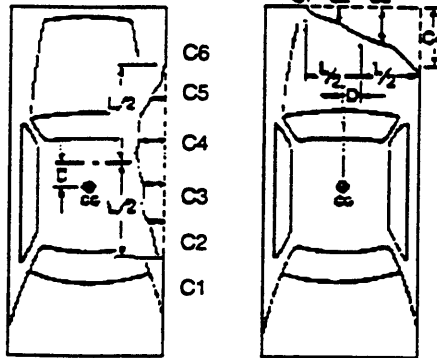
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	BEGINS AT LFBC TO 38CM REAR OF LF AXLE.	BEGINS AT LFBC FRONT FENDER

SIZE = 3
 STIFF = 3
 UEW = 160
 WEIGHT w/OCC = 1514

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



MAY CRUSH IS 15CM FORWARD OF C_4 TO C_5

DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C_1	C_2	C_3	C_4	C_5	C_6	$\pm D$
		Length (DDL)	Max Crush								
1	4	99	61	108	2	12	30	53	59.5	44	+156
FREESPACE			8		2	2	0	0	7	#	
TOTAL			53		0	10	30	53	52.5	33	
1	4	099	053	108	000	010	030	053	053	033	+156
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8 from the previous card.

Module C R Format 0 4
 9 10 11 12

CRASH RECONSTRUCTION CR-4

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C₁ TO C₆ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE
 LOCATOR

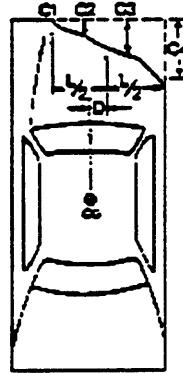
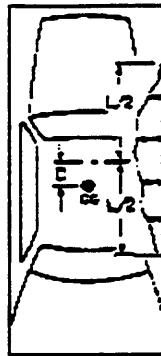
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

NO INSPECTION

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1											
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8 from the previous card.

Module W I Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
- (1) YES
- (9) UNKNOWN

LF 1
13

RF 0

RR 0

LR 0
16

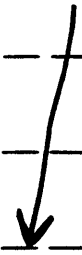
SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P22570R14
25

RF _____
35

RR _____
45

LR _____
55



TIRE TREAD TYPE

- (1) REGULAR
- (2) SNOW
- (3) SLICKS
- (4) ALL WEATHER (MS)
- (7) OTHER: _____
- (9) UNKNOWN

LF 4
17

RF 4

RR 4

LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
- (2) BELTED BIAS
- (3) RADIAL
- (4) ELLIPTICAL
- (5) HI PRESSURE SPARE
- (6) SPACE SAVER SPARE
- (7) OTHER: _____
- (9) UNKNOWN

LF 3
21

RF 3

RR 3

LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL WHEELS, COMPLETE FOR OUTER WHEELS AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

<p>TYPE OF PROPULSIVE FUEL</p> <p>(1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: _____ (9) UNKNOWN</p>	<p><u>1</u> 13</p>	<p>AUXILIARY TANK TYPE</p> <p>(1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN</p>	<p><u>8</u> 21</p>
<p>MAIN TANK LOCATION <u>LR</u></p>	<p><u>222</u> 14 16</p>	<p>AUXILIARY TANK LOCATION</p>	<p><u>888</u> 22 24</p>
<p>MAIN FILLER CAP LOCATION</p>	<p><u>113</u> 17 19</p>	<p>AUXILIARY FILLER CAP LOCATION</p>	<p><u>888</u> 25 27</p>
<p>MAIN TANK MATERIAL</p>	<p><u>9</u> 20</p>	<p>AUXILIARY TANK MATERIAL</p>	<p><u>8</u> 28</p>

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F 1 Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.


13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	_____ 14 15	_____	_____	_____	_____ ____	_____ 21
#2	_____ 22 23	_____	_____	_____	_____ ____	_____ 29
#3	_____ 30 31	_____	_____	_____	_____ ____	_____ 37
#4	_____ 38 39	_____	_____	_____	_____ ____	_____ 45
#5	_____ 46 47	_____	_____	_____	_____ ____	_____ 53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.


13

DID FIRE START IN CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

—
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (9) UNKNOWN

—
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
- (2) SLOW/MODERATE
- (9) UNKNOWN

—
15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

—
17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8 from the previous card.

Module E D Format 0 1
 9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES) -RELEASED

0
13

-DAMAGED

0
14

-JAMMED

1
15

HOOD HINGES- -LEFT, DAMAGED

1
16

-LEFT, SEPARATED (COMPLETE)

0
17

-RIGHT, DAMAGED

1
18

-RIGHT, SEPARATED (COMPLETE)

0
19

HOOD REMAINED ON VEHICLE

1
20

REAR EDGE OF HOOD- -ELEVATED

1
21

-CONTACTED WINDSHIELD

0
22

-PENETRATED WINDSHIELD

8
23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

1
24

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE (CIRCLE EACH)
- (7) OTHER: _____
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

9
26

COUPLING- -DAMAGED

9
27

(USE CODES FROM HOOD PERFORMANCE)

-SEPARATED (COMPLETE)

9
28

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (88) NOT COLLECTED
- (97) OTHER: _____
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

8 8
29 30

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
31 32 33

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0
25

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

34 0

LEFT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

- (0) DOOR DID NOT OPEN
- OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
- (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (4) NO SEPARATION, BUT DAMAGED
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

35 0

LOWER

36 0

-B-PILLAR, UPPER

37 0

LOWER

38 0

-C-PILLAR, UPPER

39 8

LOWER

40 8

-D-PILLAR, UPPER

41 8

LOWER

42 8

-FRONT

43 0

-REAR

44 8

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

45 1

-REAR

46 8

REAR DOOR

REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

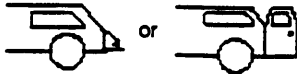
Hatchback



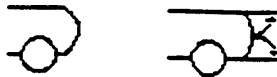
One-way



Two-way



Clamshell



Single door



Double door



HOW DID DOOR OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

0
47

8
48

8
49

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

TRAILER TYPE (AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

8
50

8
51

0
52

0
53

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
54

RIGHT DOORS

HOW DID DOORS OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
- (02) DOOR-LATCH SEPARATION
- (03) LATCH-STRIKER SEPARATION
- (04) STRIKER-PILLAR SEPARATION
- (05) BODY DISTORTION
- (06) COMBINATION OF ABOVE (CIRCLE EACH)
- (07) OPENED, REASON UNKNOWN
- (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)

- (98) NOT APPLICABLE (NO DOOR)
- (99) UNKNOWN

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
- (1) YES
- (4) NO SEPARATION, BUT DAMAGED
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

-A-PILLAR, UPPER

0
55

LOWER

0
56

-B-PILLAR, UPPER

0
57

LOWER

0
58

-C-PILLAR, UPPER

8
59

LOWER

8
60

-D-PILLAR, UPPER

8
61

LOWER

8
62

-FRONT

00
63 64

-REAR

98
65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

-FRONT

0
67

-REAR

8
68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
- (1) TRACK (SLIDING) - RIGHT SIDE
- (2) SINGLE-HINGED - RIGHT SIDE
- (3) DOUBLE-HINGED - RIGHT SIDE
- (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
- (5) SINGLE-HINGED - RIGHT & LEFT SIDE
- (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
- (7) TRACK AND HINGED COMBINATION
- (8) NOT APPLICABLE (NOT A VAN)
- (9) UNKNOWN

8
69

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

WINDSHIELD BROKEN (PLASTIC INTERLAYER TORN)

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

CRACKED OR BROKEN BY OCCUPANT CONTACT

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
- (1) 1 - 20%
- (2) 21 - 40
- (3) 41 - 60
- (4) 61 - 80
- (5) 81 - 99
- (6) TOTAL
- (7) SEPARATED, AMOUNT UNKNOWN
- (8) NOT APPLICABLE
- (9) UNKNOWN

WINDSHIELD MARK ON CASE VEHICLE:



1/70

0/71

0/72

0/73

WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
- (98) NOT APPLICABLE (NO WINDSHIELD)
- (99) UNKNOWN

97
74 75

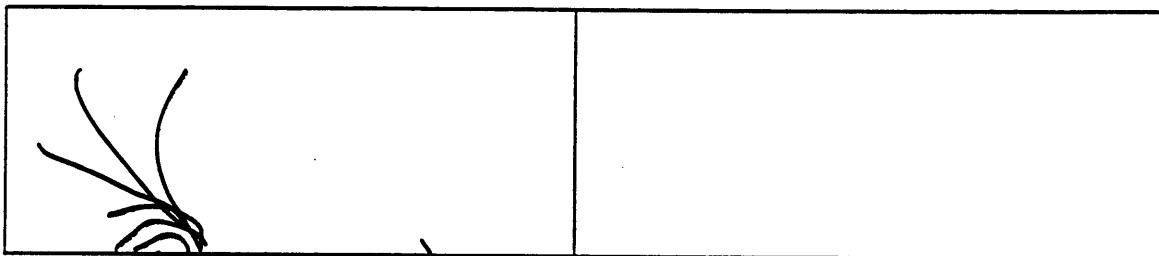
ROOF

DID T-ROOF/SUN ROOF OPEN DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NOT A T-ROOF OR SUN ROOF)
- (9) UNKNOWN

8/76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

Duplicate columns 1-8 from the previous card.

Module S C Format 0 1
 9 10 11 12

STEERING WHEEL AND COLUMN SC-1

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

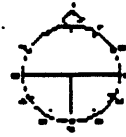
0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 12



(NORMAL STRAIGHT AHEAD)

O'CLOCK = 02



O'CLOCK = 11

(99) UNKNOWN

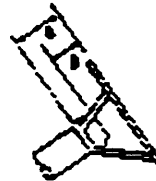
STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74
 CHALLENGER, 70 - 74
 CAPRI, 71 - 77

(2) EXAMPLES:



OMNI, 78 -
 HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

1 UP AT INSPECTION

1
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 21 22

**STEERING COLUMN
ENERGY ABSORBING DEVICE**

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

$\frac{8}{23} \quad \frac{8}{24}$

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ±10)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

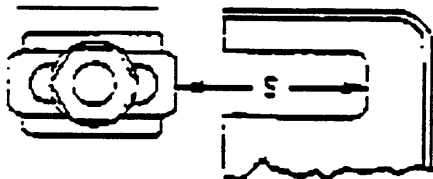
$\frac{8}{25} \quad \frac{8}{26} \quad \frac{8}{27}$

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

$\frac{8}{28} \quad \frac{8}{29} \quad \frac{8}{30}$

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

$\frac{0}{31}$

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

$\frac{0}{32}$

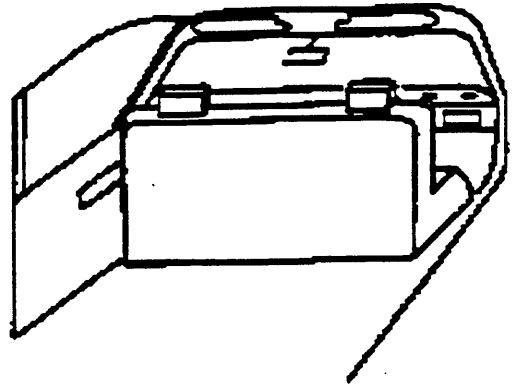
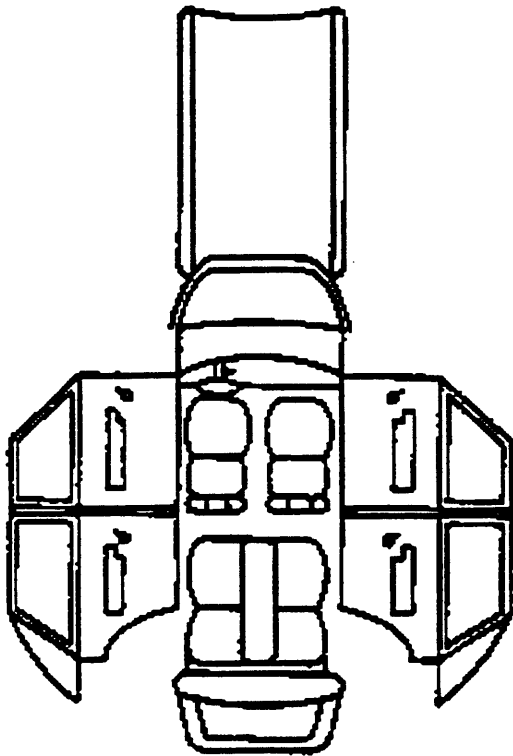
STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER _____
- (9) UNKNOWN

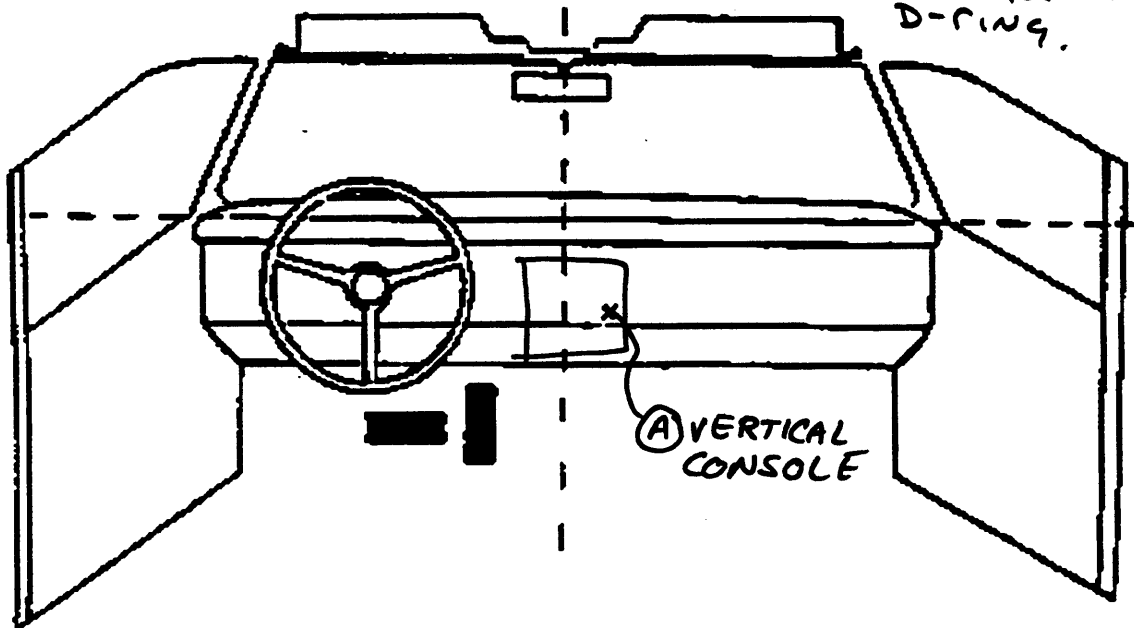
$\frac{0}{33}$

VEHICLE OCCUPANT CONTACT DIAGRAM



DR: UPPER POSITION
ON B-PILLAR
RF: UPPER POSITION
ON B-PILLAR

RF: BLACK ENSH. BELT
GOOD SCARS ON
D-RING.



Ⓐ VERTICAL
CONSOLE

CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

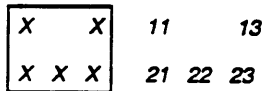
THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- (1) LEFT (3) RIGHT INDIVIDUAL SEAT
- (1) LEFT (2) CENTER (3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
- (1) LEFT (2) LEFT CENTER (6) RIGHT CENTER (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
- (1) LEFT (2) CENTER (5) RIGHT & AISLE SPACE BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
- (0) LEFT & SPACE (2) CENTER (5) RIGHT & SPACE BENCH: PARTIAL WIDTH, CENTERED
- (4) ENTIRE VEHICLE WIDTH CARGO AREA

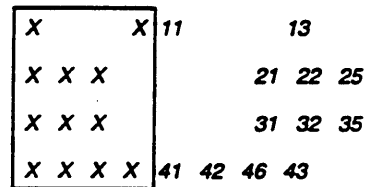
EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

**PASSENGER CAR
5 PASSENGERS**



**VAN
12 PASSENGER CAPACITY**



CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
- (Y) Y-AXIS (LATERAL)
- (Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (*DESCRIBE*)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (*E.G. SPARE TIRE,
JACK. DESCRIBE.*)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

**USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.**

- (50) WINDSHIELD HEADER
- A-PILLAR
- ROOF SIDE RAIL
- (51) INSTRUMENT PANEL
- A-PILLAR
- DOOR PANEL
- (52) INSTRUMENT PANEL
- A-PILLAR
- WINDSHIELD HEADER
- (53) DOOR PANEL
- B-PILLAR
- ROOF RAIL
- (54) DOOR PANEL
- A-PILLAR
- ROOF RAIL
- (55) INSTRUMENT PANEL
- FLOOR PAN
- A-PILLAR
- DOOR FRAME
- (56) ROOF RAIL
- A-PILLAR
- B-PILLAR
- WINDOW FRAME
- (57) ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- DOOR PANEL
- (58) ROOF
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL
- (59) BACKLIGHT HEADER
- ROOF
- C-PILLAR
- THIRD SEAT-BACK
- (60) ROOF
- ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- WINDOW FRAME
- DOOR PANEL
- FLOOR PAN
- (61) INSTRUMENT PANEL
- TOE PAN
- WINDSHIELD HEADER
- A-PILLAR
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL
- ROOF
- (62) ROOF
- ROOF RAIL
- C-PILLAR
- WINDOW FRAME
- FLOOR PAN
- SECOND SEAT
- DOOR PANEL
- (63) ROOF RAIL
- ROOF
- B-PILLAR
- WINDOW FRAME
- FLOOR PAN
- DOOR PANEL
- SECOND SEAT
- FRONT SEAT
- (64) ROOF RAIL
- ROOF OR CONVERTIBLE TOP
- A-PILLAR
- B-PILLAR
- WINDOW FRAME
- WINDOW HEADER
- (65) WINDSHIELD
- WINDSHIELD HEADER
- ROOF SIDE RAIL
- (66) WINDSHIELD
- WINDSHIELD HEADER
- A-PILLAR
- (98) NOT APPLICABLE
- (99) UNKNOWN

Duplicate columns 1-8 from the previous card.

Module 1 1 Format 0 1
 9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 0

0
13

WAS INTRUSION CATASTROPHIC?

14

- (0) NO **DO NOT ANSWER NEXT QUESTION. SKIP PAGE.**
- (1) YES **ANSWER NEXT QUESTION.**
- (9) UNKNOWN **SKIP PAGE.**

- (0) NO **COMPLETE PAGE.**
- (1) YES **SKIP PAGE.**

Duplicate columns 1-8 from the previous card.

Module 1 1 Format 0 2
 9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4 **OCCUPANT CONTACT AND INJURY**

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0</u> <u>1</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>2</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>3</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>4</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>5</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>6</u>	---	---	---	---	---	---	---	---	---	---
<u>0</u> <u>7</u>	---	---	---	---	---	---	---	---	---	---

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8 from the previous card.

Module 1 1 Format 0 3
 9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION, SKIP REMAINDER OF PAGE.

SIDE DOOR INTRUSION RESULTED FROM

INTRUSION NUMBER	CAUSE	CODES FOR CAUSE:
---	---	---
13	15	(1) DIRECT IMPACT
16	18	(2) INDUCED DAMAGE
19	21	(9) UNKNOWN

IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED DOOR INTRUSION, CODE COMPONENT

INTRUSION NUMBER	DAMAGED COMPONENT 1	DAMAGED COMPONENT 2	CODES FOR COMPONENTS
A	---	---	(0) NONE
22 23	---	25	(1) A-PILLAR
B	---	---	(2) B-PILLAR
26 27	---	29	(3) C-PILLAR
C	---	---	(4) LATCH/STRIKER
30 31	---	33	(5) HINGES
D	---	---	(7) OTHER: _____
34 35	---	37	(8) NOT APPLICABLE
			(9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module 1 1 Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	---	---	---	---	---	---	---	---	---	---
0 9	---	---	---	---	---	---	---	---	---	---
1 0	---	---	---	---	---	---	---	---	---	---
1 1	---	---	---	---	---	---	---	---	---	---
1 2	---	---	---	---	---	---	---	---	---	---
1 3	---	---	---	---	---	---	---	---	---	---
1 4	---	---	---	---	---	---	---	---	---	---
1 5	---	---	---	---	---	---	---	---	---	---
1 6	---	---	---	---	---	---	---	---	---	---
1 7	---	---	---	---	---	---	---	---	---	---
1 8	---	---	---	---	---	---	---	---	---	---
1 9	---	---	---	---	---	---	---	---	---	---
2 0	---	---	---	---	---	---	---	---	---	---
2 1	---	---	---	---	---	---	---	---	---	---
2 2	---	---	---	---	---	---	---	---	---	---
2 3	---	---	---	---	---	---	---	---	---	---
2 4	---	---	---	---	---	---	---	---	---	---
2 5	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8 from the previous card.

Module 1 D Format 0 1
 9 10 11 12

INTERIOR DAMAGE

ID-1

CODES:

- (0) NO
 (1) YES
 (3) NO, and OCCUPANT CONTACT
 (4) YES, and OCCUPANT CONTACT
 (8) NOT APPLICABLE
 (9) UNKNOWN

	LEFT	RIGHT			
SIDES			FRONT		INSTRUMENT PANEL
FRONT DOOR	0 13	0 14	FOOT CONTROLS	0 45	UPPER PANEL
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL
FRONT ARMREST	0 17	0 18	REAR VIEW MIRROR	0 47	LOWER PANEL
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	0 48	ASHTRAY
REAR DOOR AREA	8 21	8 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS
REAR HARDWARE	8 23	8 24	WINDSHIELD TOP MOLDINGS	0 49	GLOVE COMPARTMENT AREA
REAR ARMREST	8 25	8 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS
REAR GLASS	8 27	8 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS
C-PILLAR	8 33	8 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS
D-PILLAR	8 35	8 36			RADIO
HEADLINING	0 37	0 38			OTHER: * _____
ROOF STRUCTURE	0 39	0 40			_____
T-ROOF/SUN ROOF	8 41	8 42			
OTHER: * _____	8 43	8 44			
					REAR WINDOW
					WINDOW HEADER
					CONSOLES
					VERTICAL
					ROOF

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8 from the previous card.

Module S I Format 0 2
 9 10 11 12

SEATS

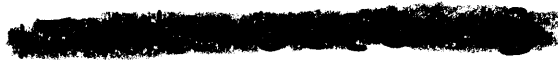
ST-1

FRONT SEAT		DRIVER	PASSENGR	FRONT SEAT-BACK		DRIVER	PASSENGR
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>05</u> 13 14	<u>05</u> 15 16	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 30	<u>3</u> 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 17	<u>1</u> 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 32	<u>1</u> 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 19	<u>0</u> 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 34	<u>1</u> 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 21	<u>1</u> 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 36	<u>1</u> 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 23	<u>8</u> 24	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 38	<u>2</u> 39
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 25	<u>0</u> 26	REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 40	<u>8</u> 41
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>0</u> 27		ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 42	<u>8</u> 43
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 28	<u>0</u> 29	HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 44	<u>0</u> 45

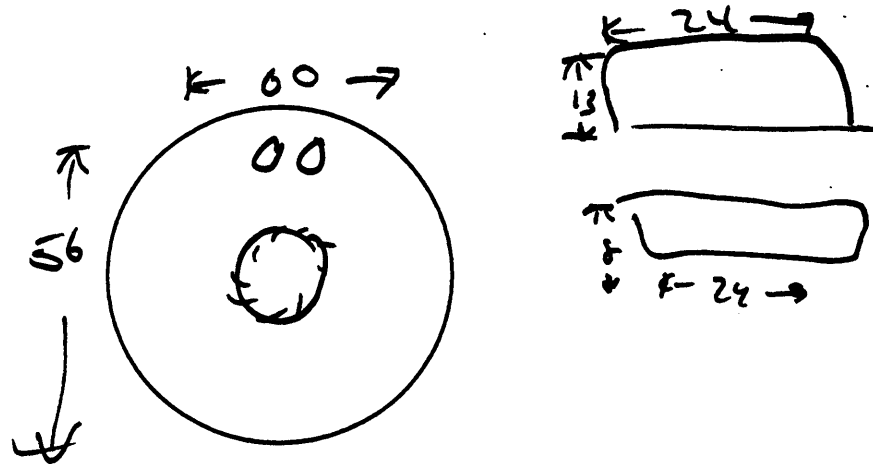
FRONT SEAT ADJUSTMENT		DRIVER	PASSENR	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	<u>8</u> 60	
ADJUSTMENT PROVIDED					
(1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 48	<u>1</u> 49		
SEAT ADJUSTER DAMAGE				SECOND SEAT-BACK	
(0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 50	<u>0</u> 51	LEFT RIGHT LOCKS FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
SEAT ADJUSTER SEPARATION				LEFT OR CENTER, EQUIPPED	
(0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>8</u> 53	<u>8</u> 61	
PRE-CRASH POSITION				LEFT OR CENTER, HELD	
(1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 54	<u>3</u> 55	(3) SEAT FOLDED DOWN RIGHT, EQUIPPED	
				RIGHT, HELD	
				<u>8</u> 65	
				<u>8</u> 67	
				<u>8</u> 68	
				THIRD SEAT	
SECOND SEAT		LEFT	RIGHT	EQUIPPED	
TYPE OF SECOND SEAT				<u>0</u> 69	
(0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		<u>0</u> 56	<u>0</u> 57	<u>8</u> 71	
SECOND SEAT DAMAGE				BACKREST DAMAGED	
(0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 58	<u>8</u> 59	<u>8</u> 72	
				CUSHION DAMAGED	
				<u>8</u> 73	
				<u>8</u> 74	
				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
				(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				<u>8</u> 75	
				<i>Applies to any rear-seat position</i>	

<p style="text-align: center;">DRIVER SIDE</p> <p>LOCATION OF AIRBAG STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p style="text-align: center;">PASSENGER SIDE</p> <p>LOCATION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p>CONDITION OF AIRBAG STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p>CONDITION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 18</p>
<p style="text-align: center;">DRIVER SIDE</p> <p>AIRBAG STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 19</p> <p><u>0</u> 20</p>	<p style="text-align: center;">PASSENGER SIDE</p> <p>AIRBAG INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>0</u> 21</p> <p><u>0</u> 22</p>

AIRBAG NUMBER ON DRIVER SIDE:



NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:

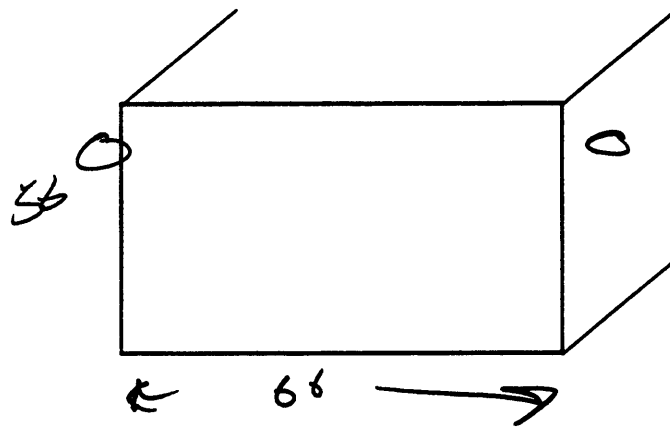


AIRBAG NUMBER ON PASSENGER SIDE:

NONE FOUND

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:

2 views



NOTE TO THE INVESTIGATOR:

**THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.**

**IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.**

Duplicate columns 1-8
from the previous card.

Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

<p>OCCUPANT IDENTIFICATION</p> <p>OCCUPANT NUMBER <u>01</u> 13 14</p> <p>ROLE OF OCCUPANT AT 1ST IMPACT <u>1</u> 15</p> <p>(1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN</p>		<p>PHYSICAL DESCRIPTION</p> <p>AGE IN YEARS <u>20</u> (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN 20 21</p> <p>AGE IN MONTHS <u>25</u> (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN 22 23</p> <p>MASS (kg) <u>123</u> (999) UNKNOWN 24 25 26</p> <p>HEIGHT (cm) <u>5'9"</u> (999) UNKNOWN 27 28 29</p> <p>SEX <u>2</u> (1) MALE (2) FEMALE (9) UNKNOWN 30</p>	
<p>OCCUPANT POSITION</p> <p>ROW LOCATION <u>1</u> 16</p> <p>(1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: _____ (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN</p> <p>LATERAL LOCATION <u>1</u> 17</p> <p>(1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN</p> <p>POSTURE <u>10</u> 18 19</p> <p>(10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____ (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: _____ (99) UNKNOWN</p>		<p>MEDICAL CONDITIONS</p> <p>TREATMENT/MORTALITY <u>02</u> (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN 31 32</p> <p>INJURY SEVERITY SCORE (ISS) <u>02</u> (99) UNKNOWN 33 34</p> <p>NON-IMPACT MED. CONDITIONS <u>0</u> (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE) (4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: _____ (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN 35</p>	

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY, SEVERITY UNKNOWN
- (9) UNKNOWN

1
36

CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE (ADULT OR OLDER CHILD)
- (99) UNKNOWN

88
41 42

CHILD SEAT MAKE/MODEL

RESTRAINT SYSTEM

ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (9) UNKNOWN

3
37

ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3
38

PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED & PASSIVE RESTRAINT
- (7) OTHER: _____
- (9) UNKNOWN

1
39

PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)
- (9) UNKNOWN

2
40

EJECTION

DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0
43

AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: _____
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:

HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE FOR THIS POSITION

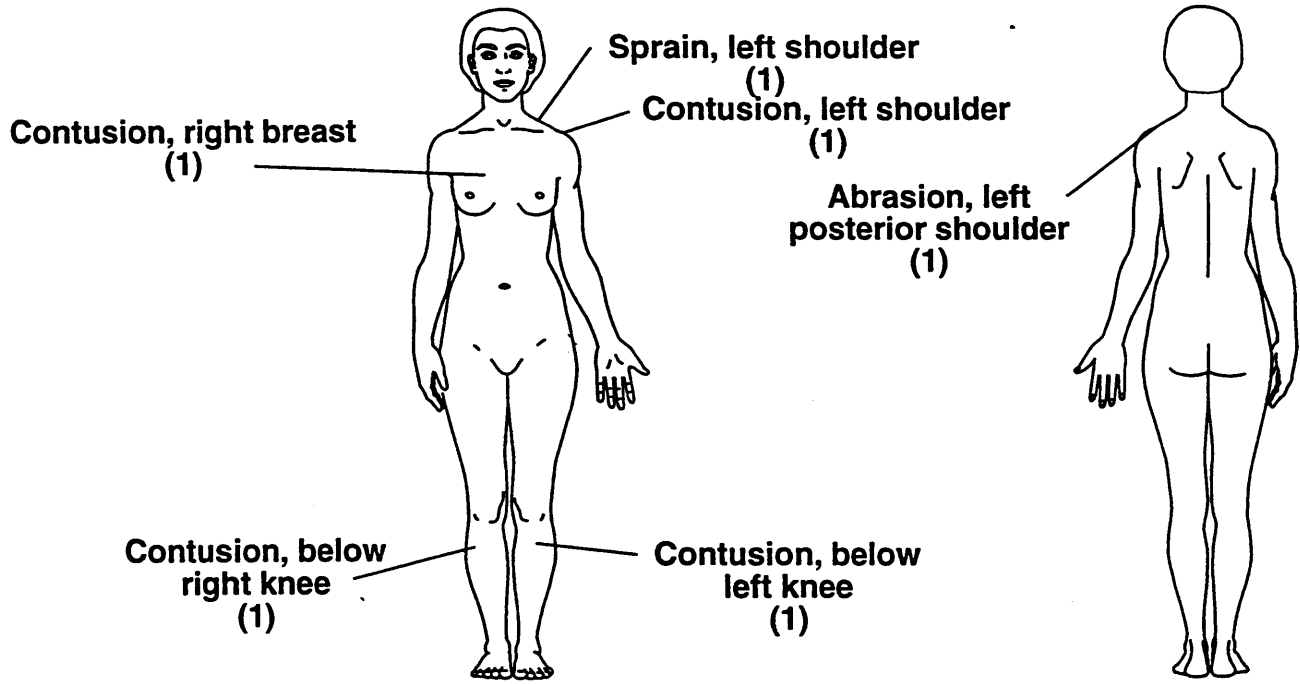
- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1
46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
<p>(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><u>0</u> 47</p>	<p>(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><u>7</u> 48</p>

INDICATE LOCATION OF INJURIES.



CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD

- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER

- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE

- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN

- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)

- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM

- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

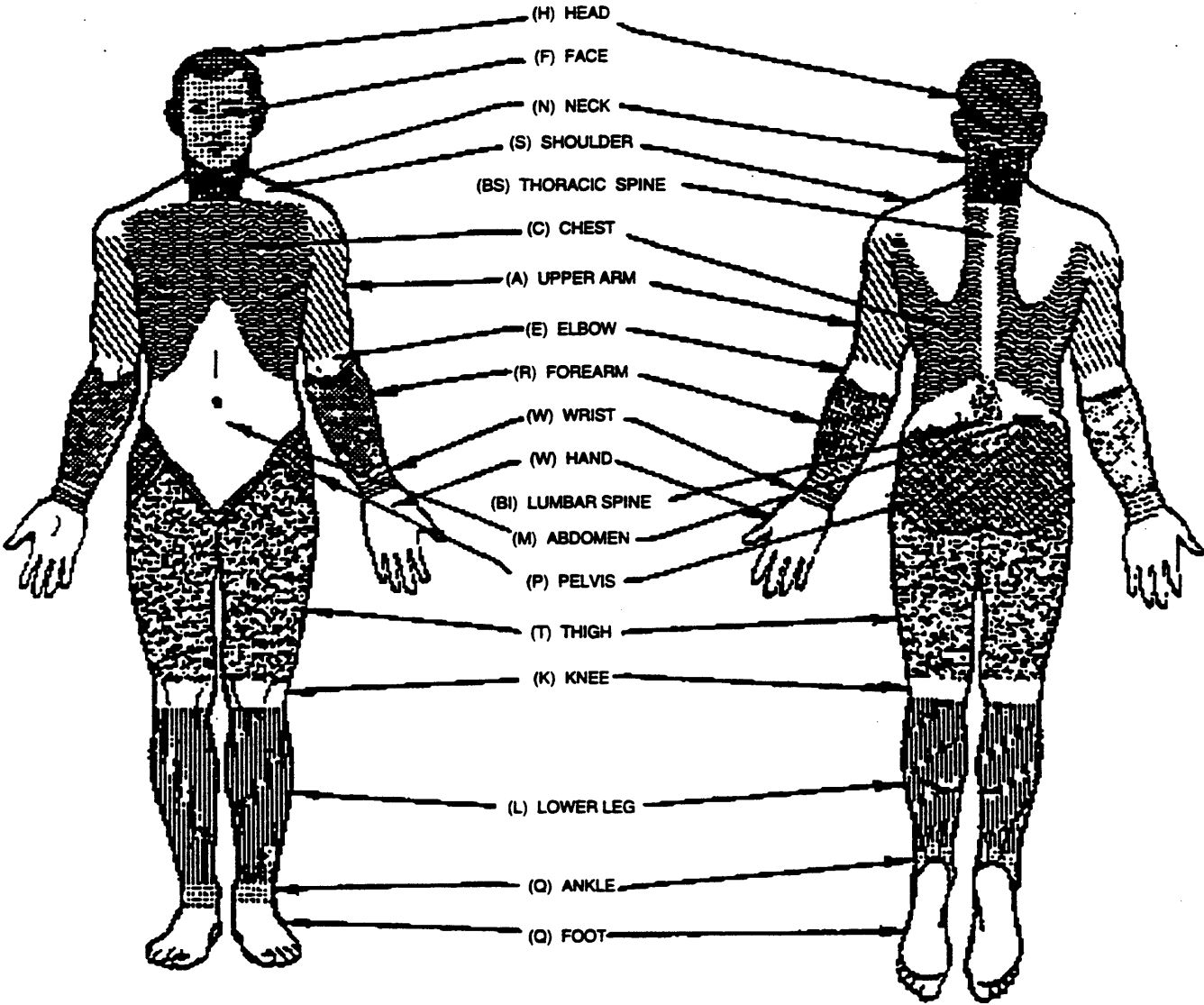
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
- (A) ARM (*UPPER*)
- (E) ELBOW
- (R) FOREARM
- (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
- (T) THIGH
- (K) KNEE
- (L) LEG (*LOWER*)
- (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (*SKIN*)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (I) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN

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9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER (NOT DRIVER)
- (9) UNKNOWN

2
15

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

21
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25
22 23

MASS (kg)

- (999) UNKNOWN

127

058
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

5'8

173
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

2
30

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: _____
- (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER COMPARTMENT
- (9) UNKNOWN

5
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER FLOOR
- (83) LYING/SITTING ON OTHER OBJECT IN PASSENGER COMPARTMENT: _____
- (85) ON CARGO FLOOR/FOLDED SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT
- (97) OTHER: _____
- (99) UNKNOWN

10
18 19

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN PERIOD
- (99) UNKNOWN

02
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

05
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: _____
- (8) COMBINATION OF ABOVE (CIRCLE EACH)
- (9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY, SEVERITY UNKNOWN
- (9) UNKNOWN

1
36

CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE (ADULT OR OLDER CHILD)
- (99) UNKNOWN

88
41 42

CHILD SEAT MAKE/MODEL

RESTRAINT SYSTEM

ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (9) UNKNOWN

3
37

ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT & SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

3
38

PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIR BAG INSTALLED
- (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIR BAG INSTALLED & PASSIVE RESTRAINT
- (7) OTHER: _____
- (9) UNKNOWN

1
39

PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIR BAG NOT DEPLOYED
- (2) AIR BAG DEPLOYED
- (3) AIR BAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)
- (9) UNKNOWN

2
40

EJECTION

DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0
43

AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: _____
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

98
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:

HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE FOR THIS POSITION

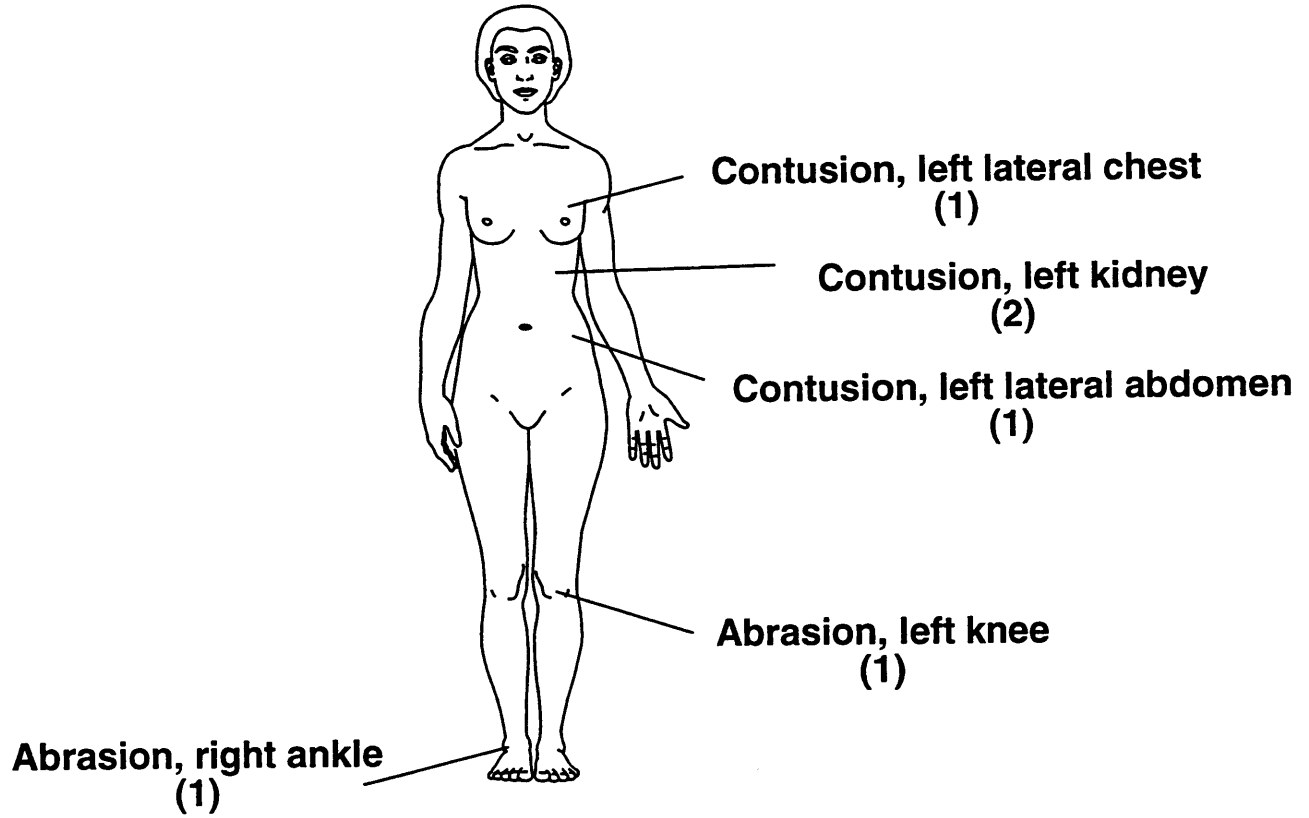
- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1
46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR		SOURCE OF INFORMATION	
<p>(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><u>0</u> 47</p>	<p>(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN</p>	<p><u>7</u> 48</p>

INDICATE LOCATION OF INJURIES.



CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (*X*)
- (55) MIDDLE INSTRUMENT PANEL (*Y*)
- (56) LOWER INSTRUMENT PANEL (*Z*)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Case No. 18A-0343-08

Case Veh. (A) 1988 Ford

Type Passenger S/T, 4x2 pickup

Driver 26-year-old female

Inv. (B) 1988 Dodge Ram 3500, pickup

Weather: Clear

Road Surface: Dry

Road/Construction: Asphalt

Light Condition: Daylight





PN3743-98 #2



PN 3743-98 #3



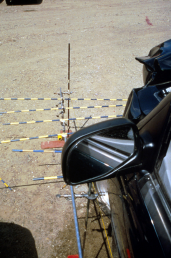
PN 3743-98 #4



PN3743-98 #5



PN 3743-98 #6



PN 3743-98 #7



PN 3743-98 #8



PN 3743-98 #9



PN 3743-98 #10



PN3743-98 #11



PN 3743-98 #12



PN3743-98 #13



PN 3743-98 #14



PN 3743-98 #15



PN3743-98 #16



PN 3743-98 #17



PN 3743-98 #18



PN 3743-98 #19



PN3743-98 #20



PN 3743-98 #21



PN 3743-98 #22



PN 3743-98 #23



PN 3743-98 #24



PN 3743-98 #25



PN 3743-98 #27



PN 3743-98 #28



PN 3743-98 #29

CASE NO: UM-2013-88

CASE VEHICLE: 1998 Ford

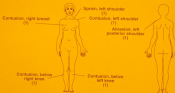
TYPE: Ranger XLT, 4x4 pickup

OCCUPANT: (Driver) 26-year-old female

STATURE: 176 cm (5'9 1/4") MASS: 66 kg (145 lbs)

RESTRAINTS: 3-point belt worn; airbag deployed

SEVERITY: MAIS - 1 OOI - 2



CASE NO: 104-1143-00

CASE VEHICLE: 1999 Ford

TYPE: Range GLT, 4x2 pickup

OCCUPANT: (Right front) 41-year-old female

STATURE: 173 cm (5' 8" 1/2) MASS: 68 kg (150 lb)

RESTRAINTS: 3-point belt worn, airbag deployed

SEVERITY: MAO - 2 SS - 5

